

TABLE 1: HIGHEST PAYING JOBS ON THE *HOOSIER HOT 50 JOBS* LIST AND THE DEGREE REQUIRED TO OBTAIN THEM

Rank in the Hot 50	Occupation	Average Annual			Degree Required
		Growth	Percent Growth	Wage	
13	Sales Managers	100	1.9	\$84,331	Work Experience plus Bachelor's or Higher
10	Lawyers	120	1.8	\$81,128	First Professional
9	Pharmacists	120	2.2	\$78,859	First Professional
7	Computer and Information Systems Managers	120	2.6	\$76,057	Work Experience plus Bachelor's or Higher
26	Chemists	40	2.0	\$73,423	Bachelor's
16	Education Administrators, Elementary and Secondary School	80	2.1	\$73,205	Work Experience plus Bachelor's or Higher
12	Computer Software Engineers, Applications	110	2.6	\$67,696	Bachelor's
11	Computer Software Engineers, Systems Software	100	3.2	\$62,380	Bachelor's
6	Medical and Health Services Managers	160	2.8	\$62,244	Work Experience plus Bachelor's or Higher
15	Physician Assistants	30	4.7	\$61,380	Bachelor's

Source: Indiana Department of Workforce Development

in exploring careers and avoid some of the pitfalls discussed above. We included the three components that one might be most interested in while career planning:

- Fast growth
- A large number of opportunities
- Good pay

We also included the levels of education and training that are common in these jobs.

The result is the first edition of *Hoosier Hot 50 Jobs*, which can now be seen in employment offices and career centers—as well at the *Hoosiers by the Numbers* website (www.hoosierdata.in.gov). The list is to be updated every six months.

How Hot Is Hot?

To measure the hotness of a job, three key elements were used: projected job growth (the numeric increase), rate of growth (the percentage increase), and high wages. All selected jobs were required to:

- Be in the top 200 in terms of BOTH total growth and rate of growth in Indiana's 2002–2012 Occupational Projections
- Have wages greater than the statewide median for all occupations according to the latest available Occupational

Employment Statistics Survey (OES) for Indiana.

Each of these elements was indexed to give 50 percent weight to the job growth factors and 50 percent to the wage factor in determining the hottest of the hot jobs.

Figure 1 shows the top 10 jobs on the *Hoosier Hot 50 Jobs* list and their projected growth from 2002 to 2012.

Can I Get a Hot Job Right Out of High School?

The list demonstrates the importance for Hoosiers continuing their education. **Table 1** shows the ten highest paying jobs on the *Hoosier Hot 50 Jobs* list and the corresponding degrees required to obtain those jobs. Of the 50 jobs on the list, 32 require a minimum of a bachelor's degree. Another 13 require at least some post-secondary education.

Do you want to be a bill collector? That's the only occupation on the list requiring only short-term, on-the-job training—and it is the lowest-paying on the list.

Highlights of the Hot List:

- Medical fields in general are very hot, containing 21 of the 50 hot jobs (see **Table 2**).

- Ten hot jobs are found in the computer, science and engineering fields.
- Five are in business.
- Social services/government and education each have four.
- The other six are in legal and construction/production/repair.

Enhancements for Version 1.2

We are currently exploring other hotness indicators that we can incorporate into our index, including use of short-term (two-year) occupational projections for Indiana (due out this summer), the possibility of some weighting based on a sampled frequency with which the occupation is listed on job-matching websites or use of requisite knowledge, skills and abilities—as opposed to formal training requirements. Hot jobs by region for Indiana's economic growth regions are also under development and should be available this summer. Check our website (www.hoosierdata.in.gov) later this summer for the regional hot jobs and future versions of the *Hoosier Hot 50 Jobs* listing.

—Jon Wright, Research and Analysis Department, Indiana Department of Workforce Development

TABLE 2: **HOOSIER HOT 50 JOBS BY SECTOR**

	Rank	Occupation	Average Annual Growth	Average Annual Wage	Degree and/or Training Required	Top Three Skills
Medical (21)	1	Registered Nurses	1,170	\$46,242	Associate Degree	Active Listening, Reading Comprehension, Critical Thinking
	5	Dental Hygienists	160	\$52,410	Associate Degree	Active Listening, Speaking, Reading Comprehension
	6	Medical and Health Services Managers	160	\$62,244	Work Experience plus Bachelor's or Higher Degree	Active Listening, Reading Comprehension, Critical Thinking
	9	Pharmacists	120	\$78,859	First Professional Degree	Active Listening, Speaking, Reading Comprehension
	15	Physician Assistants	30	\$61,380	Bachelor's Degree	Active Listening, Active Learning, Speaking
	18	Respiratory Therapists	90	\$40,699	Associate Degree	Active Listening, Instructing, Reading Comprehension
	21	Physical Therapists	70	\$60,326	Master's Degree	Active Listening, Instructing, Time Management
	22	Surgical Technologists	70	\$34,546	Postsecondary Vocational Training	Active Listening, Active Learning, Critical Thinking
	25	Occupational Therapists	50	\$52,255	Bachelor's Degree	Active Listening, Reading Comprehension, Service Orientation
	26	Chemists	40	\$73,423	Bachelor's Degree	Science, Complex Problem Solving, Reading Comprehension
	28	Radiologic Technologists and Technicians	90	\$39,747	Associate Degree	Active Listening, Speaking, Reading Comprehension
	35	Physical Therapist Assistants	40	\$38,536	Associate Degree	Active Listening, Reading Comprehension, Time Management
	36	Medical and Clinical Laboratory Technologists	70	\$42,233	Bachelor's Degree	Quality Control Analysis, Equipment Maintenance, Reading Comprehension
	38	Speech-Language Pathologists	50	\$50,348	Master's Degree	Instructing, Speaking, Active Listening
	41	Clinical, Counseling and School Psychologists	40	\$53,952	Master's Degree	Active Listening, Reading Comprehension, Writing
	42	Cardiovascular Technologists and Technicians	30	\$33,632	Associate Degree	Active Listening, Reading Comprehension, Instructing
	44	Substance Abuse and Behavioral Disorder Counselors	40	\$31,966	Master's Degree	Active Listening, Social Perceptiveness, Service Orientation
	45	Mental Health and Substance Abuse Social Workers	40	\$32,053	Master's Degree	Active Listening, Social Perceptiveness, Critical Thinking
	46	Medical and Public Health Social Workers	40	\$36,836	Bachelor's Degree	Active Listening, Writing, Reading Comprehension
	47	Medical and Clinical Laboratory Technicians	60	\$29,371	Associate Degree	Reading Comprehension, Active Listening, Speaking
	48	Biological Technicians	40	\$34,989	Associate Degree	Science, Reading Comprehension, Instructing
Computer, Science and Engineering (10)	4	Computer Systems Analysts	220	\$59,296	Bachelor's Degree	Active Learning, Reading Comprehension, Complex Problem Solving
	7	Computer and Information Systems Managers	120	\$76,057	Work Experience plus Bachelor's or Higher Degree	Reading Comprehension, Critical Thinking, Active Listening
	11	Computer Software Engineers, Systems Software	100	\$62,380	Bachelor's Degree	Complex Problem Solving, Technology Design, Troubleshooting
	12	Computer Software Engineers, Applications	110	\$67,696	Bachelor's Degree	Programming , Critical Thinking, Complex Problem Solving
	14	Network Systems and Data Communications Analysts	70	\$54,357	Bachelor's Degree	Equipment Selection, Troubleshooting , Complex Problem Solving
	17	Network and Computer Systems Administrators	100	\$50,989	Bachelor's Degree	Reading Comprehension, Troubleshooting , Active Listening
	19	Computer Support Specialists	140	\$36,676	Associate Degree	Troubleshooting , Reading Comprehension, Critical Thinking
	30	Environmental Engineers	30	\$55,277	Bachelor's Degree	Reading Comprehension, Active Listening, Critical Thinking
	31	Database Administrators	50	\$50,023	Bachelor's Degree	Active Learning, Troubleshooting , Critical Thinking
	50	Surveying and Mapping Technicians	30	\$30,170	Postsecondary Vocational Training	Mathematics, Active Listening, Active Learning
Social Services/ Government (4)	8	Police and Sheriff's Patrol Officers	200	\$37,690	Long-Term On-the-Job-Training	Judgment and Decision Making, Active Listening, Critical Thinking
	32	Employment, Recruitment and Placement Specialists	70	\$48,217	Bachelor's Degree	Reading Comprehension, Service Orientation , Active Listening
	33	Child, Family and School Social Workers	100	\$31,040	Bachelor's Degree	Speaking, Active Listening, Monitoring
	43	Social and Community Service Managers	50	\$40,127	Bachelor's Degree	Active Listening, Social Perceptiveness, Speaking
Education (4)	2	Teachers, Elementary and Kindergarten (Including Special Education)	580	\$42,845	Bachelor's Degree	Instructing , Learning Strategies, Monitoring
	3	Teachers, Secondary (Including Special Education)	380	\$43,717	Bachelor's Degree	Instructing , Learning Strategies, Monitoring
	16	Education Administrators, Elementary and Secondary School	80	\$73,205	Work Experience plus Bachelor's or Higher Degree	Active Listening, Reading Comprehension, Monitoring
	29	Education Administrators, Postsecondary	40	\$57,887	Work Experience plus Bachelor's or Higher Degree	Active Listening, Reading Comprehension, Critical Thinking
Business (5)	13	Sales Managers	100	\$84,331	Work Experience plus Bachelor's or Higher Degree	Active Listening, Speaking, Mathematics
	20	Bill and Account Collectors	130	\$28,040	Short-Term On-the-Job-Training	Active Listening, Speaking, Reading Comprehension
	23	Personal Financial Advisors	50	\$55,108	Bachelor's Degree	Active Listening, Speaking, Mathematics
	37	Public Relations Specialists	70	\$37,964	Bachelor's Degree	Writing, Critical Thinking, Reading Comprehension
	39	Training and Development Specialists	70	\$41,758	Bachelor's Degree	Active Listening, Speaking, Time Management
Legal/Construction/ Production/Repair (6)	10	Lawyers	120	\$81,128	First Professional Degree	Reading Comprehension, Judgment and Decision Making, Writing
	24	Paralegals and Legal Assistants	80	\$36,050	Associate Degree	Speaking, Time Management, Active Listening
	27	Heating, Air Conditioning and Refrigeration Mechanics and Installers	100	\$37,699	Long-Term On-the-Job-Training and/or Apprenticeship	Troubleshooting, Repairing, Active Listening
	34	Legal Secretaries	100	\$28,742	Postsecondary Vocational Training	Reading Comprehension, Active Listening, Time Management
	40	Cement Masons and Concrete Finishers	90	\$34,086	Long-Term On-the-Job-Training and/or Apprenticeship	Coordination, Mathematics, Active Listening
49	Chemical Equipment Operators and Tenders	60	\$30,798	Moderate-Term On-the-Job-Training	Operation and Control, Operation Monitoring, Quality Control Analysis	

Source: Indiana Department of Workforce Development